

Amendments to the Claims

This listing of claims will replace all prior versions and all prior listings of the claims in the present application:

Listing of Claims

1. - 3. (Currently Canceled)
4. - 5. (Currently Canceled)
6. - 7. (Previously Canceled)
8. - 9. (Currently Canceled)
- 10.-12. (Previously Canceled)
13. - 16. (Currently Canceled)
- 17.- 20. (Currently Canceled)
21. - 24. (Currently Canceled)
25. - 28. (Currently Canceled)
29. - 30. (Currently Canceled)
31. (New) A pyrotechnic device adapted to fire blank ammunition rounds for the purpose of simulating weapons firing and/or hit indications, comprising a magazine having a top surface, a bottom surface and a plurality of receptacles extending through said magazine from said top surface thereof to said bottom surface thereof, each of said receptacles including a first boring positioned adjacent said top surface and having a first diameter, a second boring positioned adjacent said bottom surface and having a second diameter, which is greater than said first diameter, and a third boring positioned between said first boring and said second boring, said third boring having a third diameter, which is greater than said first diameter but less than said second diameter, said first, second and third diameters being selected such that each of said receptacles can selectively and interchangeably receive at least two different types of blank ammunition rounds.
32. (New) The pyrotechnic device of Claim 31, wherein said first diameter is selected so as to accommodate a component of a first type of blank ammunition round or a component of a second type of blank ammunition round, said second diameter is selected so as to accommodate another component of the first type of blank ammunition round, and said third diameter is selected so as to accommodate another component of the second type of blank ammunition round.
33. (New) The pyrotechnic device of Claim 32, wherein the first type of blank ammunition round is an M30 pyrotechnic ammunition device, and the second type of blank

ammunition round is an M31 pyrotechnic ammunition device.

34. (New) The pyrotechnic device of Claim 31, further comprising a housing, having an interior sized and shaped so as to contain circuitry adapted to produce programmable firing sequences for blank ammunition rounds contained within said receptacles of said magazine, and a top plate having a first side positioned adjacent said housing and a second side, which is opposite said first side, positioned adjacent said bottom surface of said magazine, said top plate including a plurality of electrical contact assemblies located on said second side of said top plate such that each of said contact assemblies is in substantial alignment with a corresponding one of said receptacles, whereby said contact assemblies are adapted to transmit electric current to blank ammunition rounds contained in said receptacles.

35. (New) The pyrotechnic device of Claim 34, wherein each of said contact assemblies includes a central contact pad which forms part of an electrical path between said circuitry and a center contact pin of a blank ammunition round which has been loaded into a corresponding one of said receptacles, and an annular contact disc, which encircles said central contact pad and which forms part of an electrical path between said circuitry and an outer contact post of a blank ammunition round which has been loaded into said corresponding one of said receptacles.

36. (New) The pyrotechnic device of Claim 35, wherein said annular contact disc is made from electrically conductive rubber, whereby said annular conductive disc allows for variations in the length of outer contact posts on different blank ammunition rounds.

37. (New) The pyrotechnic device of Claim 36, wherein said central contact pad is made from electrically conductive rubber.

38. (New) The pyrotechnic device of Claim 35, wherein each of said contact assemblies further includes electrical insulation positioned between said annular contact disc and said central contact pad.

39. (New) The pyrotechnic device of Claim 34, wherein each of the different types of blank ammunition rounds includes an explosive powder, an electric match having a positive electrode and a negative electrode, and a bridgewire connecting the positive and negative electrodes.

40. (New) The pyrotechnic device of Claim 39, wherein said circuitry generates a

first electric current for a first period of time sufficient to ignite the explosive powder contained in a blank ammunition round to be fired from one of said receptacles of said magazine, and said circuitry generates a second electric current for a second period of time sufficient to burn out the bridgewire of the ignited blank ammunition round.

41. (New) The pyrotechnic device of Claim 40, wherein each of said contact assemblies includes a central contact pad which forms part of an electrical path between said circuitry and a center contact pin of a blank ammunition round which has been loaded into a corresponding one of said receptacles, and an annular contact disc, which encircles said central contact pad and which forms part of an electrical path between said circuitry and an outer contact post of a blank ammunition round which has been loaded into said corresponding one of said receptacles.

42. (New) The pyrotechnic device of Claim 41, wherein said annular contact disc is made from electrically conductive rubber, whereby said annular conductive disc allows for variations in the length of outer contact posts on different blank ammunition rounds.

43. (New) The pyrotechnic device of Claim 42, wherein said central contact pad is made from electrically conductive rubber.

44. (New) The pyrotechnic device of Claim 43, wherein each of said contact assemblies further includes electrical insulation positioned between said annular contact disc and said central contact pad.

45. (New) The pyrotechnic device of Claim 31, wherein said first diameter is about 1.121 inches, said second diameter is about 1.337 inches and said third diameter is about 1.263 inches.